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## **Abstract**

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The invention relates to the use of 2,5-dihydroxybenzenesulfonic acid in the production of medicaments for the treatment of angiodependent diseases. More specifically, the invention relates to the use of the aforesaid compound and, in particular, the calcium and potassium salts thereof, for the treatment of two angiodependent diseases, which present a reduction in the apoptosis, namely cancer and psoriasis. The invention also discloses the antiproliferative, antimigratory, antiangiogenic and proapoptotic capacity of said family of compounds in non-quiescent cells. In addition, the invention details the potentiating effect of said compounds on known cytostatic medicines in the treatment of tumours and, specifically, on gliomas. The invention further relates to the therapeutic efficacy of said compounds, based on the combined antiproliferative, antiangiogenic and proapoptotic capacities thereof, in the treatment of chronic psoriatic plaques.